



ASTILLEROS ZAMAKONA, S.A.

SHIPYARD

MID WATER TRAWLER

Yard Hull 534 - "CHALLENGE"

Designer: Rolls – Royce Marine /Nordvestconsult
Classification: Lloyd´s Register of shipping
Notation: +100A1 +LMC FISHING VESSEL



MAIN CHARACTERISTICS:

| | |
|--------------------------|--------------|
| Length o.a. | 65,00 metres |
| Beam, moulded | 13,20 metres |
| Depth ₁ | 6,20 metres |
| Depth ₂ | 8,70 metres |
| Design draft | 7,20 metres |
| Accommodation | 18 men |

PROPULSION

| | |
|--|------------------|
| Main engine | BERGEN |
| Type | BVM-12 |
| Output | 5.110 kW. |
| R.P.M. | 750 |
| Main Propeller | Kamewa |
| Gearbox, shafting and variable pitch propeller | Kamewa |
| Side Thrusters | 2 Kamewa 580 kW. |

DECK MACHINERY

| | |
|--------------------|----------------------|
| Fishing gear | RRM-Brattvaag/Petrel |
| Deck cranes | (3) Petrel |
| Fish pump | Karmoy |

TANK CAPACITIES:

| | |
|-----------------------|----------------------|
| Fish tanks | 1.500 m ³ |
| Fuel oil | 475 m ³ |
| Fresh water | 46 m ³ |
| Lubrication oil | 17 m ³ |

AUXILIARY GENERATING SETS

| | |
|---------------------------------------|--------------|
| Diesel engines | CATERPILLAR |
| Main generator | 3412 DITA |
| Harbour/Emergency generator | 3306 DITA |
| Alternators | CATERPILLAR |
| Output main generator | 2 x 590 ekW. |
| Output harbour/Emergency generator .. | 1 x 190 ekW. |
| R.P.M. | 1.800 |
| Shaft alternator | LS |
| Output | 2.000 ekW. |

MISCELLANEOUS

| | |
|-----------------------------|-------------------|
| RSW Refrigeration plant | |
| Output | 1.780.000 Kcal/h. |
| Vacuum system | Optimar |
| Sewage plant | JETS |
| Bilge water separator | TURBULO |



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